



NITFS Compliance Registration



Product: Peace Krypton NITF Writer Version 1.0

Sponsor: Lockheed Martin Integrated Systems and Solutions

Developer: Lockheed Martin Integrated Systems and Solutions

Date: 31 August 2006

Expiration: 30 August 2008

Registration #: 2048

- ☒ Initial Registration
☐ Supplemental/Update #
☐ Derived from Reg. #

Complexity Level

NITF 2.1 CLEVEL						
	3	5	6	7	9	
Interpret						
Generate						
NITF 2.0 CLEVEL						
	1	2	3	4	5	6 Oth
Interpret						
Generate						

Configurations Tested:

- Sun SPARC with Solaris 9

☐ **System**
N-0105/98, §4.1.1

☒ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

NITFS Features Implemented:

Format

NITF

- ☒ V2.1
☐ V2.0
☐ V1.1

NSIF

- ☐ V1.0

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
☐ CGM, 2301
☐ CGM, 2301A
☐ Labels **

Text Segments

- ☐ STA
☐ UT1
☐ U8S
☐ MTF

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NODISPLAY
☐ POLAR

Image Compression

- ☒ Not Compressed
☐ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ Bi-Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☐ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ -ASDE
☐
☐

Legend

- Interpret Gen
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Curtis L. Green, Lt Col, USAF

CURTIS L. GREEN, Lt Col, USAF, Division Chief

Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.